



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

## Complete if Known

Application Number	10/825,757
Filing Date	April 16, 2004
First Named Inventor	<del>MINNEN</del> Nelson et al.
Art Unit	<del>1045</del> 1634
Examiner Name	<del>To Be Assigned</del> Salmon
Attorney Docket Number	GP146-04.UT

(Use as many sheets as necessary)

Sheet 1 of 9

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	6 T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/KS/		<del>CN 1450172 A</del>	<del>10-22-2000</del>	<del>Hangzhou Huada Jena Res Ct</del>		
/KS/		DE 20315159 U1	01-22-2004	Artus Ges Fuer Molekularbiolog		X
/KS/		WO04/057021 A2	07-08-2004	Universite Laval		

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/825,757
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		Art Unit	1085 1634
(Use as many sheets as necessary)		Examiner Name	To Be Assigned Salmon
Sheet	2	of	9
		Attorney Docket Number	GP146-04.UT

NON PATENT LITERATURE DOCUMENTS			
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		Filing Date	April 16, 2004
		First Named Inventor	<del>INNEN</del> et al. Nelson
		Art Unit	<del>1646</del> 1634
(Use as many sheets as necessary)		Examiner Name	To Be Assigned Salmon
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		Attorney Docket Number	GP146-04.UT

**NON PATENT LITERATURE DOCUMENTS**

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application Number	10/825,757	
			Filing Date	April 16, 2004	
			First Named Inventor	<del>WENNER</del> Nelson et al	
			Art Unit	<del>1846</del> 1634	
			Examiner Name	To Be Assigned - Salmon	
(Use as many sheets as necessary)					
Sheet	4	of	9	Attorney Docket Number	GP146-04 UT
<b>NON PATENT LITERATURE DOCUMENTS</b>					
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Substitute for form 1449/PTO		<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/825,757	
		Filing Date	April 18, 2004	
		First Named Inventor	<del>WANG et al.</del> Nelson et al	
		Art Unit	<del>1095</del> 1634	
(Use as many sheets as necessary)		Examiner Name	<del>To Be Assigned</del> Salmon	
Sheet	7	of	9	
		Attorney Docket Number	GP146-04.UT	
<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T‡	
/KSI/		RUAN et al., "Comparative full-length genome sequence analysis of 14 SARS coronavirus isolates and common mutations associated with putative origins of infection" Lancet, May 9, 2003, 12 pgs., Elsevier Science Ltd., Great Britain		
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		SENANAYAKE et al., "Translation from the 5' Untranslated Region (UTR) of mRNA 1 Is Repressed, but That from the 3' UTR of mRNA 7 Is Stimulated in Coronavirus-Infected Cells", J. Virol., Oct. 1999, 73(10):8003-8009, ASM, USA		
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Examiner Signature	/Katherine Salmon/		Date Considered	12/11/2009

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Substitute for form 1449/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/825,757
		Filing Date	April 16, 2004
		First Named Inventor	<del>INNEN et al.</del> Nelson
		Art Unit	1634
(Use as many sheets as necessary)		Examiner Name	<del>To Be Assigned</del> Salmon
Sheet	8	of	9
		Attorney Docket Number	GP146-04.UT
<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/KS		TAHARA et al., "Coronavirus Translational Regulation: Leader Affects mRNA Efficiency", Virology, 1994, 202:621-630, Academic Press Inc., USA	
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		TYRRELL et al., "Coronaviruses: General Concepts", Graduate School of Biomedical Science: The University of Texas Medical Branch, Medmicro, 2003, Chpt. 60:1-6, USA	
		VABRET et al., "Direct diagnosis of human respiratory coronaviruses 229E and OC43 by the polymerase chain reaction", J. Virol. Meth., Sept. 2004, 97(1-2):55-65, Elsevier Science B.V., Amsterdam	
		VAN MARLE et al., "Arterivirus discontinuous mRNA transcription is guided by base pairing between sense and antisense transcription-regulating sequences", Proc. Natl. Acad. Sci., Oct. 12, 1999, 96(21):12056-12061, USA	
		WANG et al., "Microarray-based detection and genotyping of viral pathogens", Proc. Natl. Acad. Sci., Nov. 26, 2002, 99(24):15687-15692, USA	
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		ZHANG et al., "Identification of a noncanonical signal for transcription of a novel subgenomic mRNA of mouse hepatitis virus: implication for the mechanism of coronavirus RNA transcription", Virology, 2000, 278(1):75-78, Academic Press Inc., USA	
V		ZHANG et al., "Coronavirus Leader RNA Regulates and Initiates Subgenomic mRNA Transcription both in <i>trans</i> and in <i>cis</i> ", J. Virol., Aug. 1994, 68(8):4738-4746, ASM, USA	
Examiner Signature	/Katherine Salmon/		Date Considered
			12/11/2009

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Substitute for form 1449/PTO				<b>Complete if Known</b> Application Number 10/825,757 Filing Date April 16, 2004 First Named Inventor LINNEN et al Art Unit 1634 Examiner Name To Be Assigned Attorney Docket Number GP146-04.UT	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>					
(Use as many sheets as necessary)					
Sheet	9	of	9		

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